## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	29	((FRANK) near2 (DUVINAGE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/16 09:12
S2	16	((CHRISTIAN) near2 (GOERIGK)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/16 09:12
S3	24	((BERTHOLD) near2 (KEPPELER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/16 09:12
S4	22	((ARNO) near2 (NOLTE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/16 09:12
S5	24	((MARKUS) near2 (PAULE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/16 09:13
S6	6	((JOACHIM) near2 (SCHOMMERS)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/16 09:13
S7	18	((exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 or service or repair \$4) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 or service or indicat \$4 or alarm)) ).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 09:13
<b>S</b> 8	26	((exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) with (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 or service or repair \$4) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 09:13

		or Ammonia or NH3 or fuel)) and (maintenan \$4 or service or indicat \$4 or alarm)) ).CLM.				
<b>S9</b>	4	((exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) with (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 or service or repair \$4) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) with (maintenan \$4 or service or indicat \$4 or alarm)) and (cataly\$4) ).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 09:14
S10	4	((exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 or service or repair \$4) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (maintenan \$4 or service or indicat \$4 or alarm)) ).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 09:14
S11	3	((exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 09:14

		or Ammonia or NH3 or fuel)) near4 (level))). CLM.				
S12	1	((exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 near4 (schedul\$4 or tim\$4 or period\$4)) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level))).	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 09:14
S13	1	((exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 near4 (schedul\$4 or tim\$4)) and (((tank\$4 or container or storag \$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level))). CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 09:14
S14	18	(US-20070277502-\$ or US-20070075467-\$). did. or (US-7017336-\$ or US-6513323-\$ or US-6192677-\$ or US-6063350-\$ or US-5904121-\$ or US-5763771-\$ or US-4541367-\$ or US-5964089-\$ or US-6876908-\$ or US-6876971-\$ or US-66502390-\$ or US-6502390-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/09/16 09:14

		6695658-\$ or US- 5758496-\$ or US- 4596277-\$).did.				
S15	1005	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 09:15
S16	948	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 or service or repair \$4) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (maintenan \$4 or service or indicat \$4 or alarm)) and (cataly\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16
S19	93	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level)) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 09:16

<b>S</b> 20	97	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level)) and (60/272-324.ccls. or "141"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16
\$21	217	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 near4 (schedul\$4 or tim\$4 or period\$4) ) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16
<b>S</b> 23	21	("2540663"   "4107272"   "4138469"   "4268488"   "4393031"   "4964471"   "5021227"   "5116579"   "5184462"   "5189876"   "5209061"   "5260042"   "5277135"   "5425928"   "5431893"   "5522218"   "5620142"   "5753188"   "5827490").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/16 09:16
S24	26	("6063350").URPN.	USPAT	OR	ON	2009/09/16 09:16

S25	9	("4403473"   "5651247"   "5785937"   "5809774"   "5809775"   "5884475"   "5976475"   "6063350"   "6125629").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/16 09:16
S26	1	("6363771").URPN.	USPAT	OR	ON	2009/09/16 09:16
\$27	149	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 near4 (schedul\$4 or tim\$4 or period\$4)) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level)) and (cap or closure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16
<b>S</b> 28	160	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 near4 (schedul\$4 or tim\$4 or period\$4)) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level)) and (cap or closure or lock\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16

S29	127	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (maintenan \$4 near4 (schedul\$4 or tim\$4 or period\$4) ) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level)) and (cap or closure) and ( lock\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16
S30	28	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level)) and ((cap or closure) with ( lock\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/16 09:16
S31	18	("4538411"   "4544388"   "4596277"   "4621593"   "4655037"   "4669261"   "4670020"   "4728503"   "4759918"   "4857089"   "5089237"   "5094074"   "5100632"   "5104627"   "5213781"   "5229078"   "5248481"   "5402639").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/16 09:16
S32	23	("5758496").URPN.	USPAT	OR	ON	2009/09/16 09:16

S34	157	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level)) and ((restart\$4 or start \$4) near4 (engine or vehicle)) and ((tank\$4 or container or storag \$4) near4 (empt\$4 or unfill\$4 or vacant))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29
S35	13	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level)) and ((restart\$4 or start \$4) near4 (engine or vehicle)) and ((tank\$4 or container or storag \$4) near4 (empt\$4 or unfill\$4 or vacant)) and (60/272-324.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29
S36	38	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 10:35

		fuel)) near4 (level)) and ((restart\$4 or start \$4) near4 (engine or vehicle)) and (empt\$4 or unfill\$4 or vacant) and (60/272-324.ccls.)			4	
<b>S37</b>	306	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level)) and ((restart\$4 or start \$4) near4 (engine or vehicle)) and (empt\$4 or unfill\$4 or vacant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 12:08
<b>S38</b>	480	(exhaust near4 gas) and (engine) and ((tank\$4 or container or storag\$4) near4 (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) and (((tank\$4 or container or storag\$4) or (reduc\$4 or hydrocarbon or Urea or Ammonia or NH3 or fuel)) near4 (level)) and (cap or closure) and ( lock\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/16 12:08

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